

Application No.: 10/690,050
Reply to Notice of Non-Compliant Amendment of August 29, 2006

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Amendments to the Claims:

Please add Claims 10-13.

Please cancel Claims 2, 4, 5 and 8.

The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing:

1. (Currently Amended) A composition characterized by ~~a calibrated~~ Uniquant an X-ray fluorescence analysis report wherein the report analysis recites an emission detected at room temperature indicating the presence of an element in the periodic table wherein said composition has not been in contact with said element.
2. (Canceled)
3. (Currently Amended) The composition of Claim 1 wherein said element is ~~sulfur~~ selected from the group consisting of Al, Si, S, Cl, Sc, Ga, Rh, La, Er, Re, or Ir.
- 4-5. (Canceled)
6. (Original) A copper-containing composition, free of an element, characterized by an XRF analysis that detects said element.
7. (Original) The copper-containing composition of Claim 6 wherein said element is sulfur.
8. (Canceled)
9. (Original) The copper containing composition of Claim 6 wherein the composition is an alloy.

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10. (New) A composition characterized by an X-ray fluorescence goniometer scan wherein the scan pattern differs in peak shape or centroid position from a calibrated standard for at least one element.
11. (New) A composition characterized by an X-ray fluorescence analysis report wherein the sum before normalization is less than 90%.
12. (New) The composition of Claim 1 wherein said composition is manufactured by exposing a starting composition to an iterative cyclic process in the presence of a carbon source.
13. (New) The composition of Claim 1 wherein said composition is a transition metal or silicon.